

THAT WHICH IS CLAIMED:

1. A mold frame for a display device  
comprising:  
means for receiving a display device light  
source;  
5 means for receiving a display device light  
guide; and  
means for fixing the light guide, the fixing  
means including at least one rounded corner.

2. A mold frame according to Claim 1  
wherein the fixing means comprises a groove including  
at least one rounded corner.

3. A mold frame according to Claim 1:  
wherein the fixing means includes a first  
corner, and a second corner which is remote from the  
means for receiving a display device light source  
relative to the first corner; and  
5 wherein the first corner is angled and the  
second corner is rounded.

4. A mold frame according to Claim 2  
wherein the groove is free of sharp angles.

5. A light guide panel for a display device  
comprising:  
a light guide plate; and  
a light guide projection which extends from  
5 the light guide plate, the light guide projection  
including at least one rounded corner.

6. A light guide panel according to Claim 5  
wherein the light guide projection includes a first  
corner and a second corner; and  
wherein the first corner is angled and the  
5 second corner is rounded.

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7. A light guide panel according to Claim 5 wherein the light guide projection is free of sharp angles.

8. A backlight unit for a display device comprising:

a mold frame which includes a groove having at least one rounded corner; and

a light guide panel mounted on the mold frame, including a light guide projection mounted in the groove and having at least one rounded corner corresponding to the at least one rounded corner of the mold frame groove.

9. A backlight unit according to Claim 8 further comprising:

a light source mounted on the mold frame, in spaced apart relation from the light guide panel;

wherein the mold frame groove and the light guide panel both include a first corner, and a second corner which is remote from the light source relative to the first corner; and

wherein the first corner is angled and the second corner is rounded.

10. A backlight unit according to Claim 8 wherein the groove and light guide projection are both free of sharp angles.

11. A flat panel display device comprising:  
a mold frame which includes a groove having at least one rounded corner;

a light guide panel on the mold frame, including a light guide projection mounted in the groove and having at least one rounded corner

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corresponding to the at least one rounded corner of the mold frame groove;

10        a light source on the mold frame, in spaced apart relation from the light guide panel; and  
         an array of display elements on the light guide panel, opposite the mold frame.

12. A flat panel display device according to Claim 11 further comprising a diffuser between the light guide panel and the array of display elements.

13. A flat panel display device according to Claim 12 further comprising a printed circuit board on the mold frame, the printed circuit board including a plurality of integrated circuits which are electrically  
5        connected to the array of display elements.

14. A flat panel display device according to Claim 11:

         wherein the mold frame groove and light guide panel both include a first corner, and a second corner which is remote from the light source relative to the first corner; and  
5        wherein the first corner is angled and the second corner is rounded.

         wherein the first corner is angled and the second corner is rounded.

15. A flat panel display device according to Claim 11 wherein the groove and light guide projection are both free of sharp angles.

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